

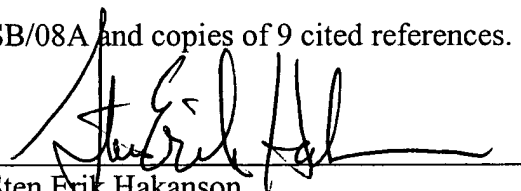
CERTIFICATE OF MAILING BY EXPRESS MAIL

I, Sten Erik Hakanson, hereby certify that I have deposited the below described correspondence, attached herewith, with the United States Postal Service as "Express Mail Post Office to Addressee", Express Mail Mailing Label No. EF135916489US and dated January 13th, 2004, in an envelope addressed to; Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Correspondence:

1. Divisional patent application, copy of specification as previously filed, for:
Inventor(s): Joseph Holland, et al.
Entitled: Frozen Beverage Apparatus
2. 9 Sheets of formal drawings.
3. Inventor Declaration and Power of Attorney (copy as previously filed).
4. Transmittal letter-Request for a divisional filing pursuant to 37 CFR §1.53 and amendment.
5. Petition for extension of time of 1 month.
6. Preliminary Amendment.
7. Information Disclosure Statement; form PTO/SB/08A and copies of 9 cited references.
8. Return receipt postcard.




Sten Erik Hakanson
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14023 U.S. PTO

COMMISSIONER OF PATENTS AND TRADEMARKS
WASHINGTON, D.C., 20231

Sir:

Transmitted herewith for filing is the divisional patent application of:

Inventors:

Entitled:

Enclosed are: ☒ Specification with abstract and claims, as originally filed.
☒ Five Sheets of drawings. Informal, as originally filed.
☒ Declaration of Inventorship and Power of Attorney, as originally filed.
☒ Request for 37 CFR § 1.53 filing.
☒ Preliminary Amendment.
☒ Petition for Extension of Time, 1 Month.
☒ Certificate of Mailing by Express Mail.
☒ Information Disclosure Statement; form PTO/SB/08A and copies of
 9 cited references
☒ Postcard receipt.



FEE COMPUTATION				Small []	Business [X]	Fees
				Entity		Paid
Basic Filing Fee				385.00	\$770.00	\$770.00
Claims	No. Filed	No. Extra				
Total	7 =	0 x	\$9.00	\$18.00	\$ -0-	
Independent	2 =	0 x	\$43.00	\$86.00	\$ -0-	

TOTAL FEES \$770.00

Please charge the fee of \$770.00, and any other or additional fees required for the entry hereof to
 Deposit Account No. 03-3240 of IMI Cornelius Inc.


 Sten Erik Hakanson

Attorney for Applicant

Reg. No. 31,520

IMI Cornelius Inc.

One Cornelius Place

Anoka, Minnesota 55303-6234

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Holland, J. et al.
SERIAL NO.:
FILING DATE: 01/12/2004
ATTY FILE NO.: 10401.DV1
TITLE: Frozen Beverage Apparatus
PAPER: TRANSMITTAL LETTER /AMENDMENT FOR
DIVISIONAL APPLICATION FILED PURSUANT TO 37 CFR § 1.53

Hon. Commissioner for Patents,

Dear Sir:

The present application is a continuing divisional filing based upon US Serial No. 09/962,563 filed 09/24/2001.

A true copy of the above stated application is submitted herewith, and includes the specification, claims, and drawings as originally filed. A copy of the original declaration of the inventor, is also submitted herewith. No new matter has been introduced to this application. The inventorship remains the same.

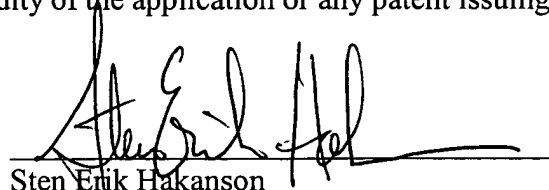
AMENDMENT

Before the first line of the specification, please enter the sentence, --The present application is a co-pending divisional of application Serial No. 09/962,563, filed 09/24/2001.--

Please cancel claims 1-9. Applicant elects to prosecute claims 10 -16.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful and false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that any such willful and false statements may jeopardize the validity of the application or any patent issuing thereon.

1/13/2004
Date


Sten Erik Hakanson
Attorney for Applicant

A filing fee of \$770.00 is seen to be required. A fee of \$110.00 for a petition for extension of time to respond of one month, said petition submitted herewith, to an outstanding office action dated 10/09/2003 in the above stated parent case Ser. No. 09/962,563, is also seen to be required. Please charge the total of these fees of \$880.00, along with any further fees as are required for the entry hereof, to Deposit Account No. 03-3240 of IMI Cornelius Inc.

Respectfully submitted,

Date: _____

1/13/2004


Sten Erik Hakanson

Patent Attorney

Reg. No. 31,520

IMI Cornelius Inc.

One Cornelius Place

Anoka, Minnesota 55303-6234

612-422-3253

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Eugene Holland et al.
DOCKET NO.: 2A0401.DV1
SERIAL NO.:
FILING DATE: 9/24/2001
TITLE: Frozen Beverage Apparatus
PAPER: Preliminary Amendment

Commissioner for Patents
Alexandria, VA 22313-1450

Dear Sir,

In the Specification:

Please replace the first two lines of page 2, with the following amended lines:

dispensing a wide variety of flavoured beverages and not restricted by requiring the dedication of each of its ~~on~~ one or more cylinders to a particular flavour.

Please replace the last 5 lines of page 3, with the following amended lines:

In another embodiment, the flow line from the freeze cylinder to the dispense tap takes the form of a re-circulation loop where the semi-frozen beverage is returned to the freeze cylinder for re-freezing and re-circulation. In this way, the physical condition of the semi-frozen beverage flowing around the loop is maintained, especially between dispenses and ~~the~~ this may allow the tap to be positioned further from the freeze cylinder thereby further increasing the range of options for installing

Please replace the first 15 lines of page 8, with the following amended lines:

contained within an annular coolant tube 47. A coolant mixture e.g. glycol and water can be passed through tube 47, preferably in the opposite direction to the direction of flow of the beverage, as indicated by the arrows to maintain the

cooled temperature of the semi-frozen beverage in the delivery tube 44. An insulation layer 45 encases the coolant tube 47 to further assist in maintaining the temperature of the semi-frozen beverage so it is delivered to the tap 10 in good condition. At its upper end, tube 44 leads to the dispense outlet 25 of tap 10 via an on-off valve 38. Valve 38 will be maintained open when the apparatus is in use but can be closed for removal and cleaning of tap 10 which, again, is attached by means of quick-release coupling 39. By way of example only, the delivery tube 44 may be standard food grade stainless steel tubing of outside diameter $\frac{1}{4}$ inch (6.35 mm) or $\frac{3}{8}$ inch (9.5 mm). The coolant tube 47 may be of 22mm outside diameter. The delivery tube 44 may have a vertical extent of, say about 400 to 450 mm so that the tap 10 may be mounted a similar height above the bar top. 25mm thick foam insulation may again be used for the insulation layer.

Please replace the last 2 lines of page 10 and the immediately following first 3 lines of page 11, with the following amended lines:

Referring to Figures 9 to 12 there is shown a freezing unit ~~100 suitable for use in the apparatus of the invention. The unit 100 has a~~ or freeze cylinder box 116 as is contained in a slush ice producing machine, which box contains ~~containing~~ two beverage cylinders 120a and 120b. The box 116 has a harvesting assembly drive or beater motors (not shown) for each cylinder 120a, 120b. Each cylinder 120a, 120b

Please replace the second full paragraph of page 11, with the following amended lines:

Each heater 146a and 146b includes a heating element 150 having wires 151 for connection to a source of electrical power. Tube bodies 148 have an inside sized to allow for slideable insertion of elements 150 therein. In addition, it has been found desirable to plate the surfaces of the tubes 148 with copper to provide for improved heat dispersion. Heaters 146a and 146b extend substantially along the entire length of heat transfer coils 133a and 133b and terminate with open ends

152 of the heater bodies 148 arranged externally of rear plate 154 of cylinder box 116 (see Figures 10 and 11). Thus means are provided to defrost cylinders 120a and 120b ~~the unit 100~~ when necessary. As is known in the art, after cylinders 120a and 120b, and associated heat transfer coils 133a and 133b, and heaters 146a and 146b are secured to cylinder box front surface plate 155 and rear plate 154, the remaining interior or void areas of cylinder box 116 may be filled with a foam insulation 156.

Remarks:

The present amendment is being submitted with the divisional patent filing papers of the above referenced case. Various informalities were found in the specification and such have been accordingly corrected herein.

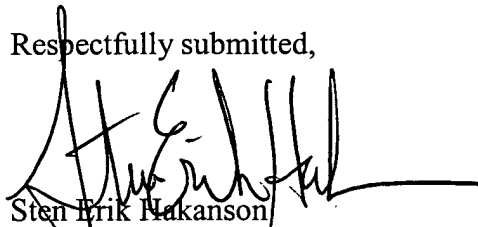
An information disclosure statement is also submitted herewith.

No fee is seen to be required.

Dated

1/13/2004

Respectfully submitted,



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